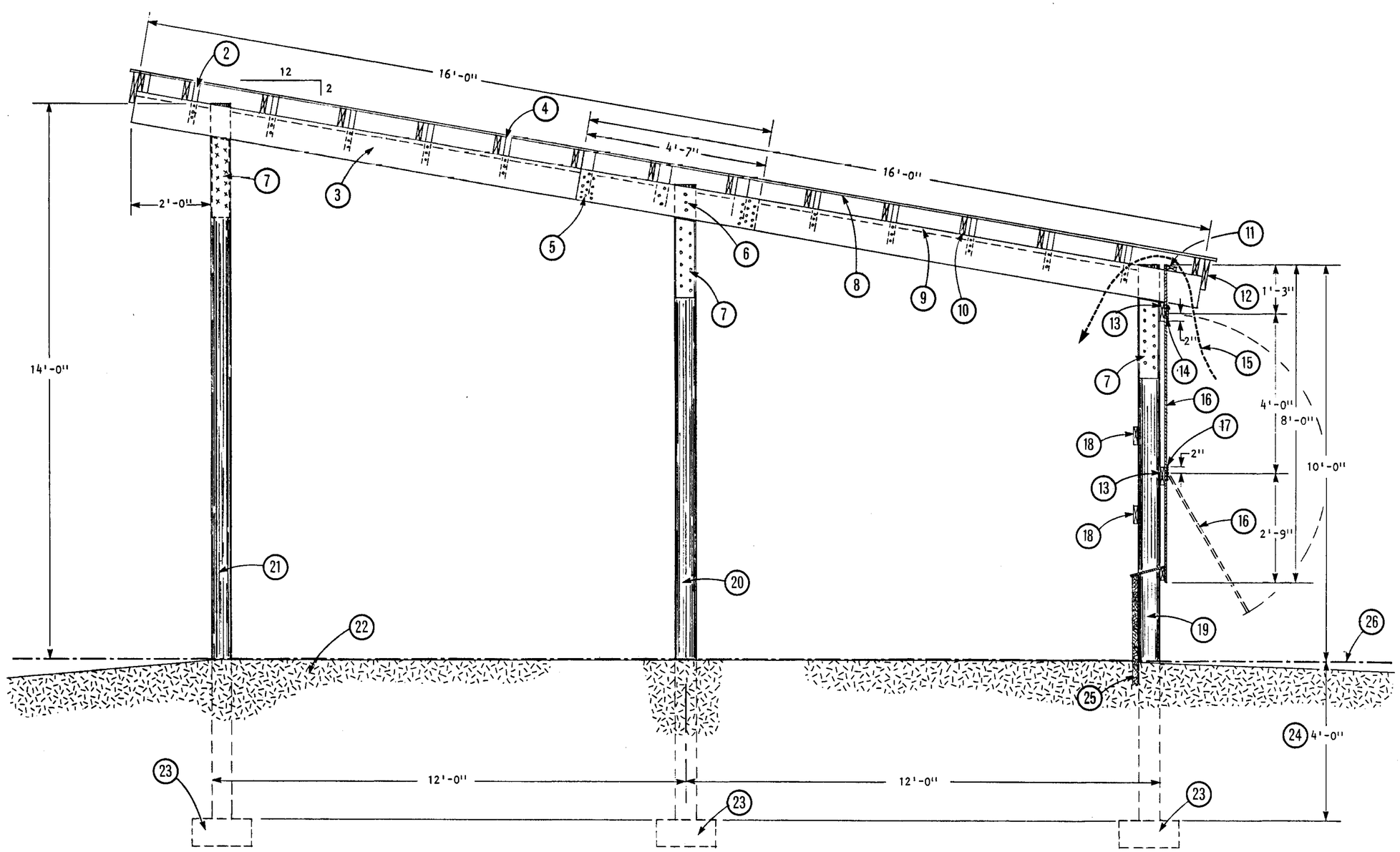
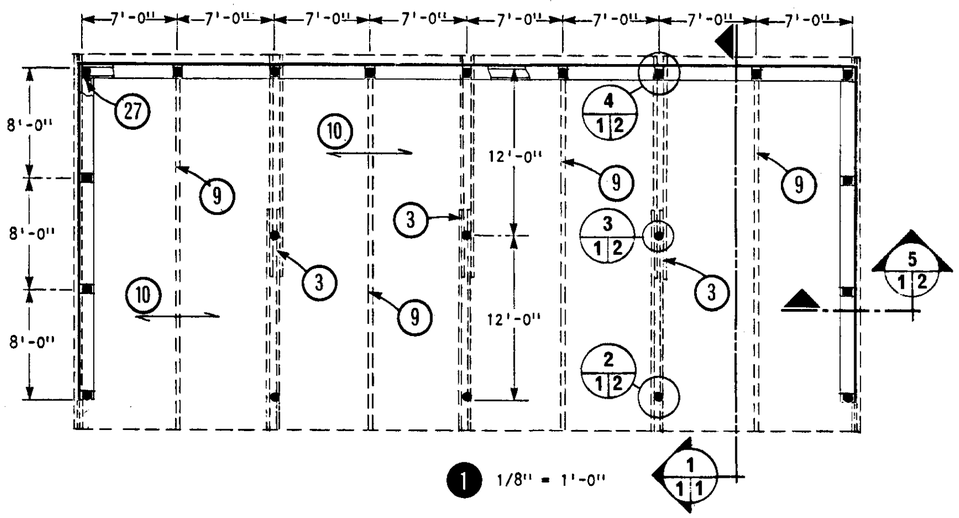
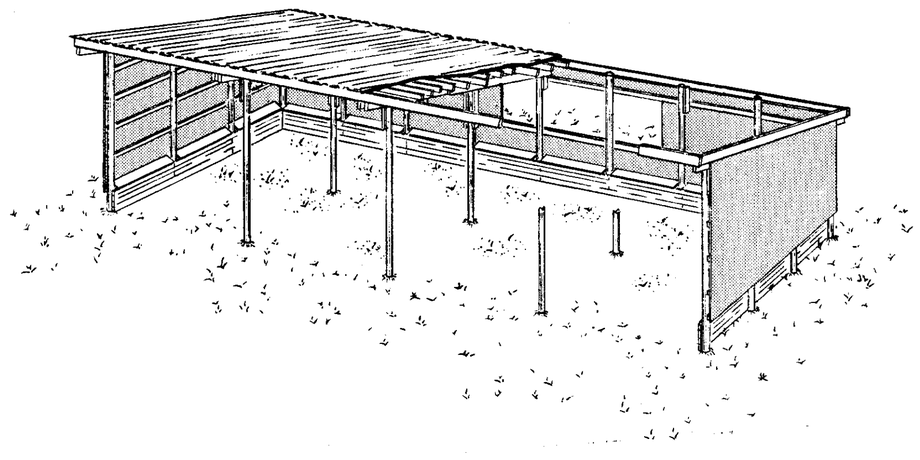


1/2" = 1'-0"

WARNING
This plan may require structural and other changes to meet local site conditions, climatic loads, user requirements and applicable building regulations (such as the Canadian Farm Building Code). Before construction, the user of this plan is responsible to ensure that all required changes are made.



1 1/8" = 1'-0"



1. plan
2. 2" x 4" x 16" nailers each purlin
3. 16' double rafters @ 14' o.c.

rafter size	total roof load (psf) #2 spruce	#2 douglas fir
2-2" x 10"	27	38
2-2" x 12"	39	57

4. 3-4" spiral nails, lower purlin to nailer (2) (clinch nails when nailing into nailer on the flat)
5. 12-4" nails, driven and clinched before erecting rafters
6. nail each rafter through pole with 3-6" nails (12 nails at each pole)
7. 2" x 6" x 24" scab at poles bearing rafters (3), nail with 12-6" nails
8. galv. steel roofing, see manufacturer for gage and profile to suit local snow load or 3/8" exterior sheathing plywood and asphalt shingles; for alternate dry climate roofing, see detail (29) , sheet 2
9. 2" x 4" stiffener nailed to bottom edge of purlins; butts pole at back of building
10. purlins 2" x 6" x 16'

purlin spacing	total roof load (psf) #2 spruce	#2 douglas fir
24" o.c.	30	44
16" o.c.	45	66

11. 2" x 4" to support siding and to keep out snow
12. 2" x 10" face board
13. 2" x 6" nailing girt and door frame
14. 3/4" x 2" x 4" plywood turnbutton with washer and 3/8" bolt @ 4' o.c. to close flap doors
15. air inlet
16. continuous flap doors for summer ventilation; material to match siding (see note (8) , sheet 2)
17. galv. butt hinges and screws, 3 per flap door
18. 2" x 6" guard plank @ 2' o.c., midway between exterior wall girts
19. 5" top dia. x 14'-0" pressure treated poles
20. 5" top dia. x 16'-0" pressure treated poles
21. 5" top dia. x 18'-0" pressure treated poles
22. well drained earth or paved floor
23. 18" dia. x 8" min. concrete footing
24. top of all footings to be 4'-0" below datum so poles can be notched for rafters before erecting
25. 6 courses of 2" x 6" x 14' T & G pressure treated planking; stagger joints 7' @ poles, nail to poles with 3-4" spiral nails each plank
26. datum line
27. 2" x 4" treated blocking at corner

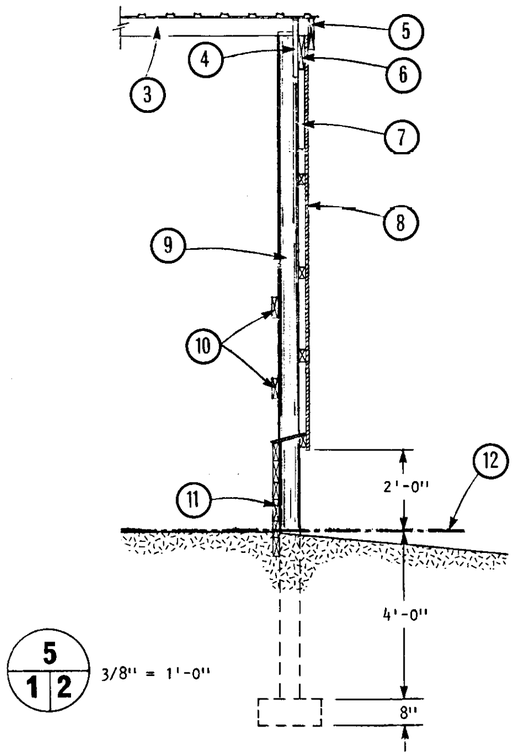
A Detail No.
B Sheet No. On Which Detail Originates
C Sheet No. On Which Detail is Shown

SYM	REVISIONS	CHECKED	DATE	APPROVED

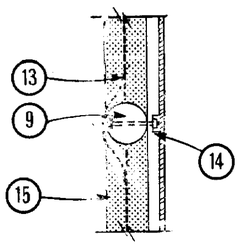
CANADA FARM BUILDING PLAN SERVICE

OPEN FRONT SHED

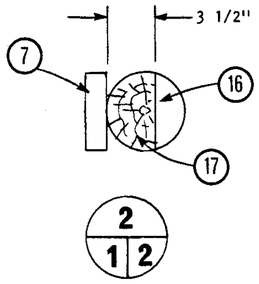
DESIGNED J.E.T.	DATE NOV. 74	PLAN 8162
DRAWN	REVISED	
TRACED	SCALE AS SHOWN	
CHECKED H.A.J.		SHEET 1 OF 2



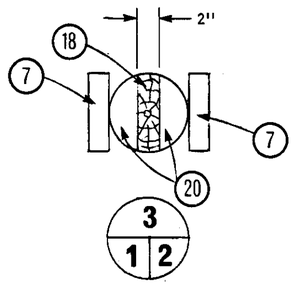
5 1/2 — 3/8" = 1'-0"



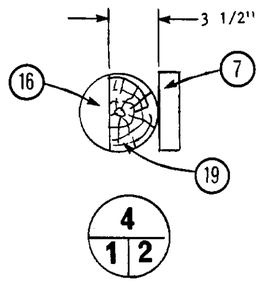
6 2 2 — 3/4" = 1'-0"



2 1 2

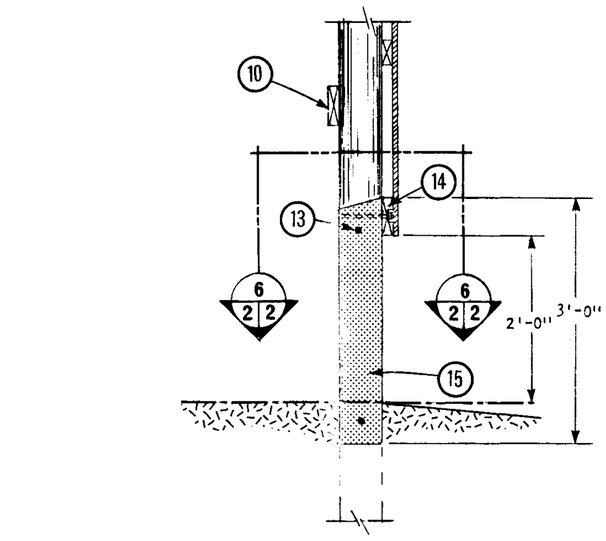


3 1 2 — 1 1/2" = 1'-0"

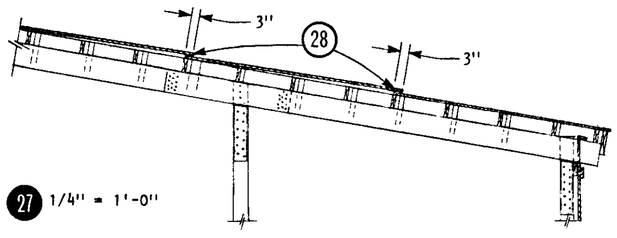


4 1 2

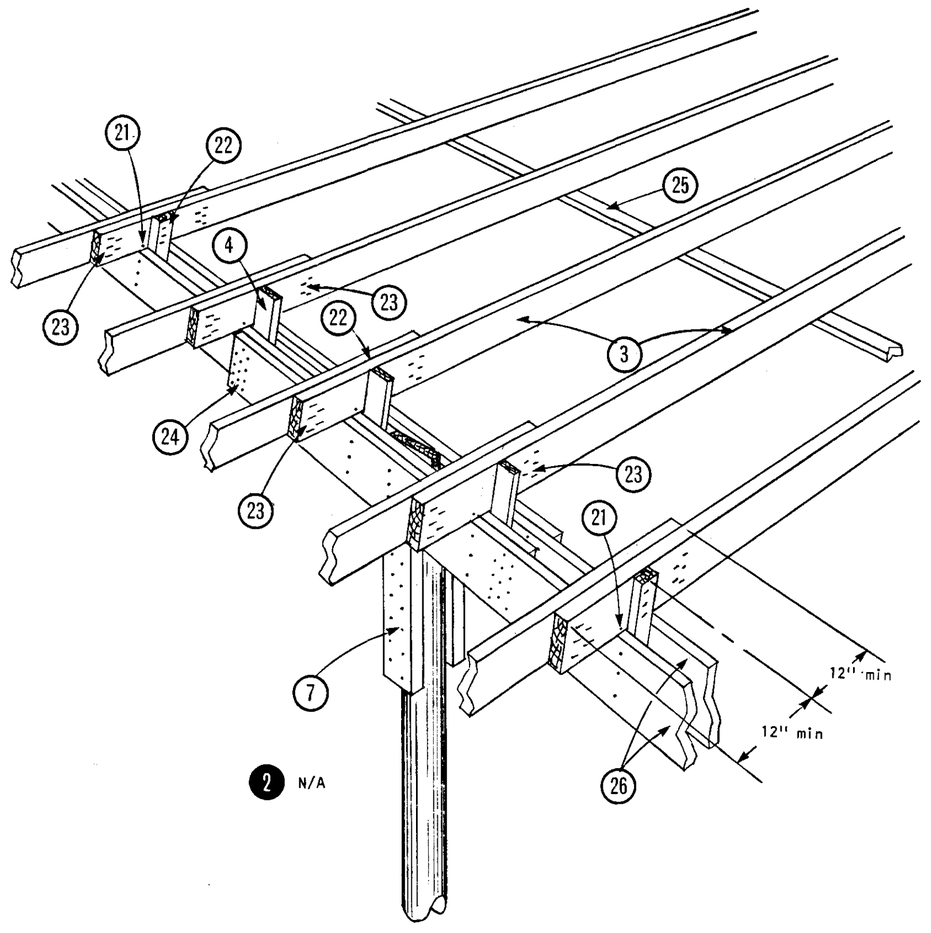
1.	alternate wall detail with concrete infill panel between poles
2.	purlin and rafter details at center pole
3.	purlins 2" x 6" x 16'-0", see (10), sheet 1 for details
4.	2" x 4" x 16" nailers each purlin
5.	2" x 10" face board over siding
6.	2" end rafter to match (26)
7.	2" x 6" x 24" scab
8.	siding of 4" slab, bark side out with 1/4" spaces between, or unsanded 3/8" plywood or unsanded aspen flakeboard
9.	5" top diameter pressure treated pole
10.	2" x 6" guard planking @ 2'o.c. midway between extefior 2" x 4" wall girts
11.	6 courses of 2" x 6" x 16' T & G pressure treated planking; stagger joints 8' @ poles, nail plank to each pole with 3-4" spiral nails
12.	datum line
13.	#4 x 6'-4" rebars between poles
14.	2" x 6" wall girt, bolt with 1/2" x 8" bolts and 3" x 3" washers recessed into each pole
15.	reinforced concrete infill panel
16.	notch for one rafter
17.	5" top dia. x 18'-0" pressure treated pole
18.	5" top dia. x 16'-0" pressure treated pole
19.	5" top dia. x 14'-0" pressure treated pole
20.	notch for two rafters
21.	2-3" nails, toe-nail purlin to rafter
22.	3-4" spiral nails, lower purlin to nailer (4) (clinch nails when nailing into nailer on the flat)
23.	5-4" nails, clinched
24.	12-4" nails, driven and clinched before erecting rafters
25.	2" x 4" stiffener nailed to bottom edge of purlins; butts pole at back of building
26.	16'-0" double rafters @ 14' o.c., see (3) sheet sheet 1 for size
27.	alternate roofing detail, for dry climate only
28.	3/8" select sheathing fir plywood; use caulking at lapped horizontal joints over purlins; use caulking and 3" plywood batten strips over butted joints up the slope; space purlins to suit, see (10) sheet 1, for maximum spacing



1 3/4" = 1'-0"



27 1/4" = 1'-0"



2 N/A

A Detail No.
B Sheet No. On Which Detail Originates
C Sheet No. On Which Detail is Shown

SYM	REVISIONS	CHECKED	DATE	APPROVED

CANADA FARM BUILDING PLAN SERVICE

STRUCTURAL DETAILS

DESIGNED J.E.T.	DATE NOV./74	PLAN 8162
DRAWN	REVISED OCT/75	
TRACED	SCALE AS SHOWN	
CHECKED H.A.J.		SHEET 2 OF 2